

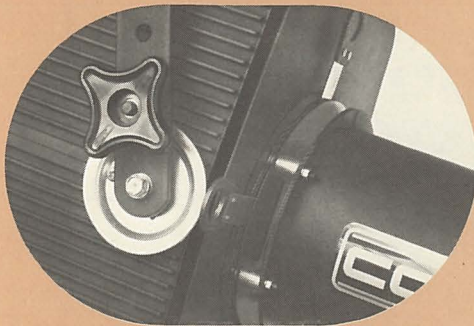
# CCT theatre lighting



**zoom profile**  
**Silhouette**  
**2000**  
**base down**

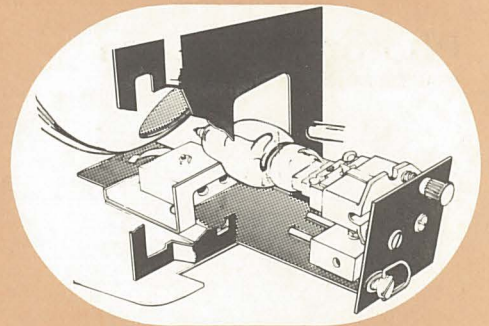
**Silhouette profile spotlights are probably the most advanced to be found anywhere.**

As first choice for those who know lighting, Silhouette profiles are to be found in every corner of the world.

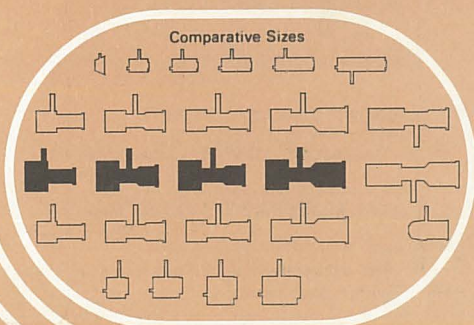


*Yoke height adjustment*

The lamphouse, constructed in aluminium extrusions and pressings is robust with good convection cooling and can be used with a range of interchangeable zoom lens tubes. The Silhouette 2000 series can be precisely adjusted allowing a wide range of beam angles over the same throw distance. The patented aspheric reflector and lamp socket can be externally trimmed for 'peaky' or 'flat' beam. A unique plug-in tray allows lamp cleaning and replacement without the need to change the spotlight orientation. Profiling gate has 4 built-in tempered stainless steel shaping shutters with heat resisting ring handles and there are separate runners for iris and gobo holder.

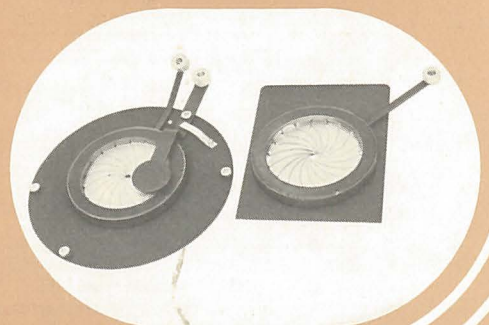


*Unique 'plug-in' lamp tray with external 'flat/peak' trim control.*



**Comparative Sizes**

*Optional drop-in iris or iris/blackout assembly for follow spot conversion.*



# technical data

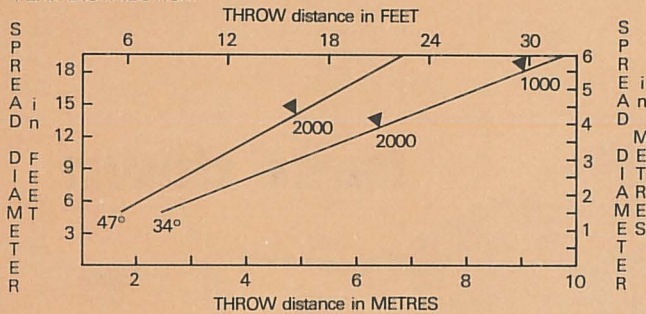
## Silhouette 2000 40 34° ↔ 47°

Order Code  
**Z00DN**

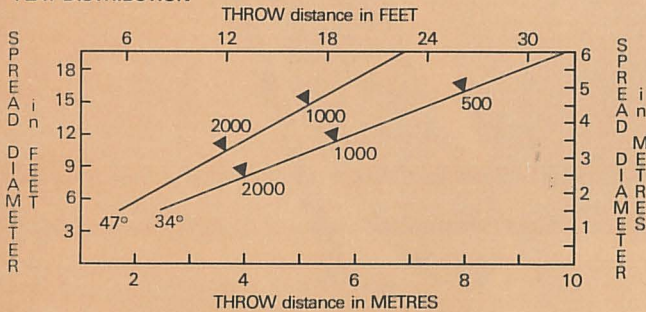
Weight 12.9kg

### Photometric Data

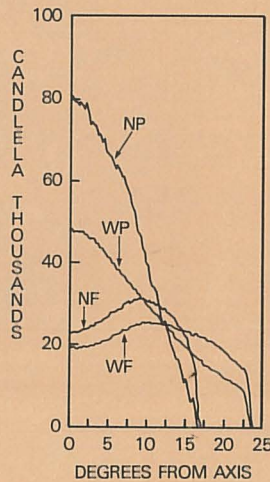
#### PEAK DISTRIBUTION



#### FLAT DISTRIBUTION



The figures on the diagonal lines indicate the maximum illumination value in LUX in the beam.



Typical performance based on calibrated 2000W 240V CP79 lamp C13D biplane filament, 250 HOUR, 3200°K, 52,000 LUMEN.

HARD EDGE FOCUS

NARROWEST SPREAD CUT-OFF angle 34°

PEAK ADJUSTMENT 1/2 peak angle 20°  
82,000 peak CANDELAS

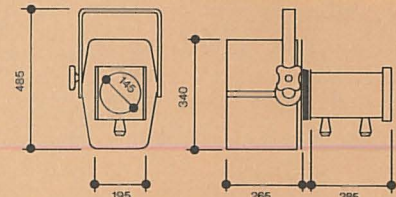
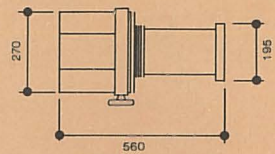
FLAT ADJUSTMENT 1/2 peak angle 32°  
32,000 peak CANDELAS

WIDEST SPREAD CUT-OFF angle 47°

PEAK ADJUSTMENT 1/2 peak angle 25°  
48,000 peak CANDELAS

FLAT ADJUSTMENT 1/2 peak angle 45°  
27,000 peak CANDELAS

Flat adjustment is defined as a 2:1 ratio within the beam.



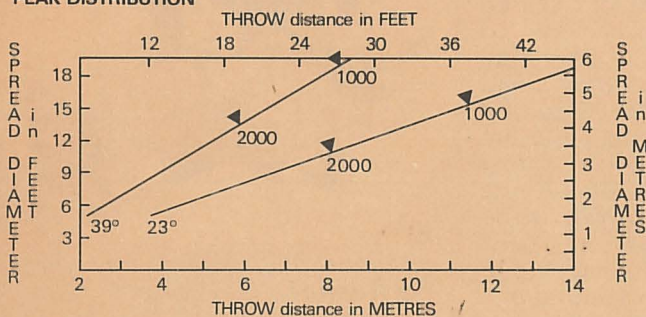
## Silhouette 2000 30 23° ↔ 39°

Order Code  
**Z00DP**

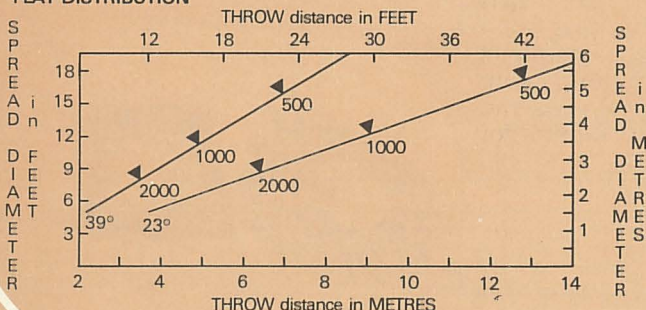
Weight 12.7kg

### Photometric Data

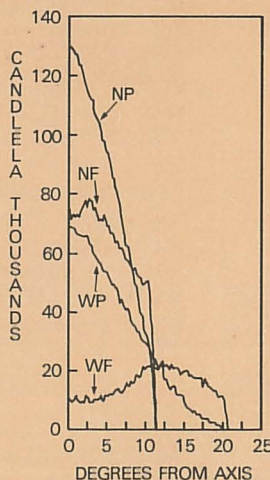
#### PEAK DISTRIBUTION



#### FLAT DISTRIBUTION



The figures on the diagonal lines indicate the maximum illumination value in LUX in the beam.



Typical performance based on calibrated 2000W 240V CP79 lamp C13D biplane filament, 250 HOUR, 3200°K, 52,000 LUMEN.

HARD EDGE FOCUS

NARROWEST SPREAD CUT-OFF angle 23°

PEAK ADJUSTMENT 1/2 peak angle 14°  
131,000 peak CANDELAS

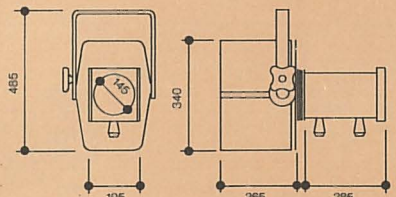
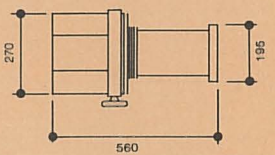
FLAT ADJUSTMENT 1/2 peak angle 22°  
82,000 peak CANDELAS

WIDEST SPREAD CUT-OFF angle 39°

PEAK ADJUSTMENT 1/2 peak angle 17°  
69,000 peak CANDELAS

FLAT ADJUSTMENT 1/2 peak angle 39°  
24,000 peak CANDELAS

Flat adjustment is defined as a 2:1 ratio within the beam.

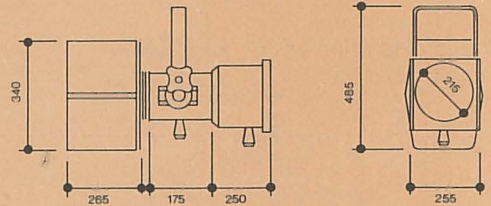
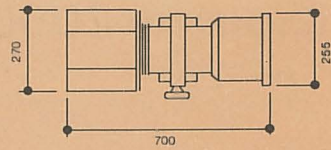


# technical data

## Silhouette 2000 25 19° ↔ 30°

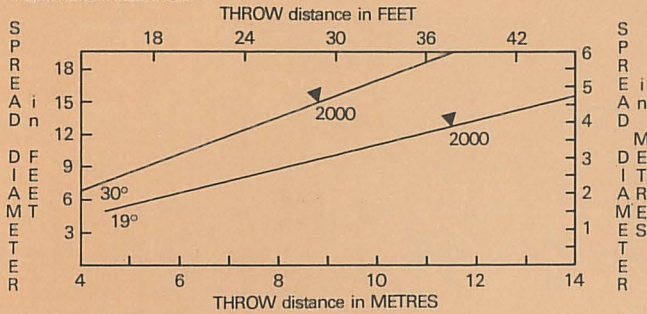
Order Code  
**Z00BR**

Weight 16.2kg

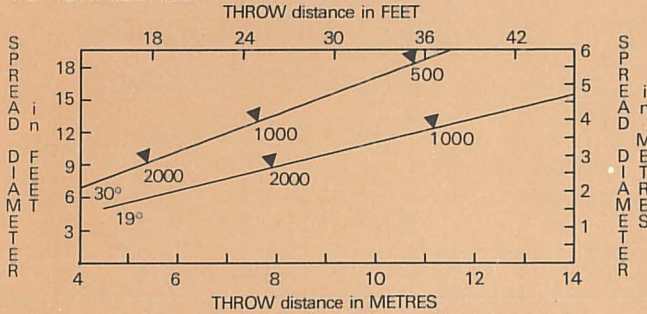


### Photometric Data

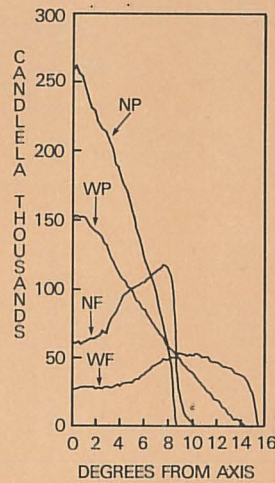
#### PEAK DISTRIBUTION



#### FLAT DISTRIBUTION



The figures on the diagonal lines indicate the maximum illumination value in LUX in the beam.



Typical performance based on calibrated 2000W 240V CP79 lamp C13D biplane filament, 250 HOUR, 3200°K, 52,000 LUMEN.

**HARD EDGE FOCUS**

**NARROWEST SPREAD** CUT-OFF angle 19°

**PEAK ADJUSTMENT** 1/2 peak angle 11°  
265,000 peak CANDELAS

**FLAT ADJUSTMENT** 1/2 peak angle 17°  
125,000 peak CANDELAS

**WIDEST SPREAD** CUT-OFF angle 30°

**PEAK ADJUSTMENT** 1/2 peak angle 13°  
155,000 peak CANDELAS

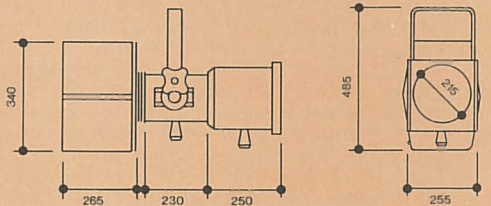
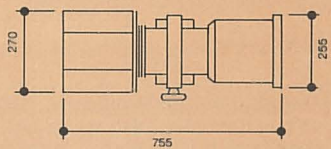
**FLAT ADJUSTMENT** 1/2 peak angle 30°  
58,000 peak CANDELAS

Flat adjustment is defined as a 2:1 ratio within the beam.

## Silhouette 2000 15 13° ↔ 23°

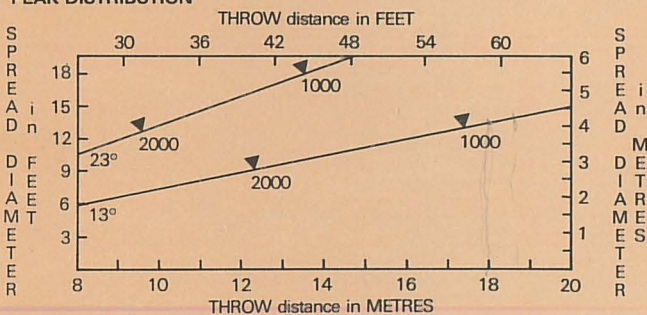
Order Code  
**Z00BQ**

Weight 16.2kg

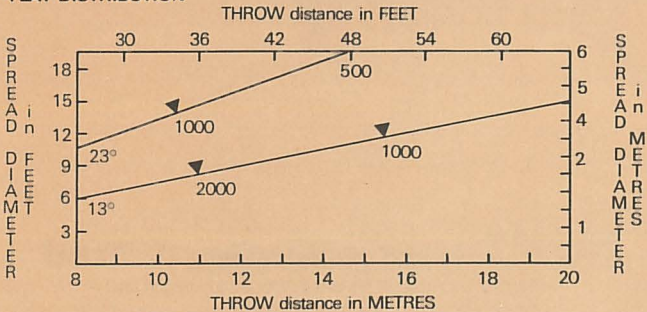


### Photometric Data

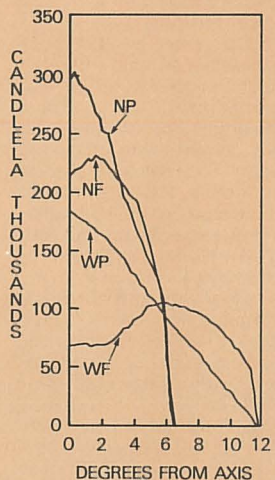
#### PEAK DISTRIBUTION



#### FLAT DISTRIBUTION



The figures on the diagonal lines indicate the maximum illumination value in LUX in the beam.



Typical performance based on calibrated 2000W 240V CP79 lamp C13D biplane filament, 250 HOUR, 3200°K, 52,000 LUMEN.

**HARD EDGE FOCUS**

**NARROWEST SPREAD** CUT-OFF angle 13°

**PEAK ADJUSTMENT** 1/2 peak angle 9°  
303,000 peak CANDELAS

**FLAT ADJUSTMENT** 1/2 peak angle 11°  
239,000 peak CANDELAS

**WIDEST SPREAD** CUT-OFF angle 23°

**PEAK ADJUSTMENT** 1/2 peak angle 12°  
183,000 peak CANDELAS

**FLAT ADJUSTMENT** 1/2 peak angle 22°  
108,000 peak CANDELAS

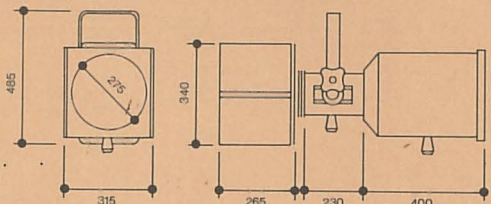
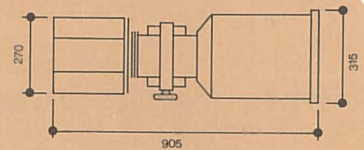
Flat adjustment is defined as a 2:1 ratio within the beam.

# technical data

## Silhouette 2000 10 11° ↔ 20°

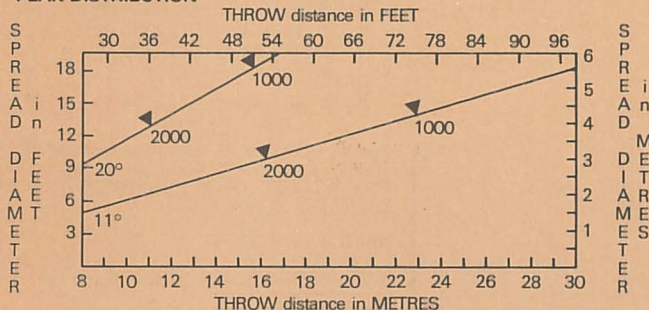
Order Code  
**Z00BS**

Weight 20.3kg

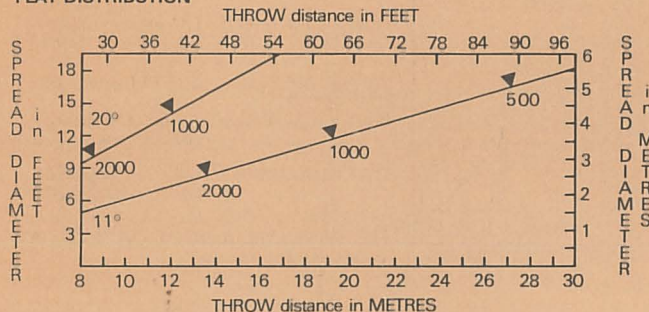


### Photometric Data

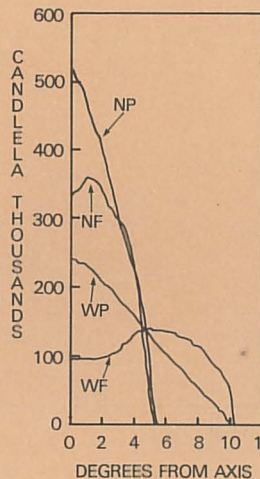
#### PEAK DISTRIBUTION



#### FLAT DISTRIBUTION



The figures on the diagonal lines indicate the maximum illumination value in LUX in the beam.



Typical performance based on calibrated 2000W 240V CP79 lamp C13D biplane filament, 250 HOUR, 3200°K, 52,000 LUMEN.

**HARD EDGE FOCUS**

**NARROWEST SPREAD CUT-OFF angle 11°**

**PEAK ADJUSTMENT** 1/2 peak angle 7°  
520,000 peak CANDELAS

**FLAT ADJUSTMENT** 1/2 peak angle 9°  
368,000 peak CANDELAS

**WIDEST SPREAD CUT-OFF angle 20°**

**PEAK ADJUSTMENT** 1/2 peak angle 10°  
243,000 peak CANDELAS

**FLAT ADJUSTMENT** 1/2 peak angle 19°  
145,000 peak CANDELAS

Flat adjustment is defined as a 2:1 ratio within the beam.

## Specification

Lamphouse shall be constructed in aluminium alloy extrusions fitted to ensure maximum heat dissipation, formed aluminium sheet and steel. The lampholder shall be mounted on a 'plug-in' lamp tray allowing inspection or change of lamp and cleaning with complete safety. External adjustment shall be provided for lamp trimming and 'peaky'/'flat' beam adjustment with the patented aspheric super pure aluminium reflector. 4 individually tempered stainless steel beam shaping shutters shall be provided in a 'stand alone' gate assembly mounted between the lamphouse and lens tube to enable a sharp or soft edged cut-off as required. The gate shall accept drop-in iris or gobo holder. The heat resisting ring handles controlling shutter action shall be within the outer measurement of the lamphouse when fully closed so as to prevent damage in transit. The yoke shall be in 40mm x 5mm steel tapped for 12mm bolt. It shall be bolted to lamphouse via a heat insulated large diameter knob and friction locking disc forming part of the lamphouse. Yoke mounting system shall provide for alternative mounting on lamphouse or lens tube for balance adjustment when used with other lens tubes and for suspension clamp or stand. A heavy duty secondary support bracket is attached to side extrusion by high tensile bolt. The external 1.5m length 3 conductor high temperature cable shall be secured by a compression gland and terminate at an internal porcelain connector. The lens tube shall be in rolled steel bolted to lamphouse gate assembly. Triple aluminium extrusion colour frame runners shall be mounted on the front of the lens tube to accommodate a lens guard and two standard colour filter frames, or remote control semaphore or wheel colour change unit. The entire front colour magazine shall be bolted to the lens tube front and designed for field adjustment to provide top or side entry of colour frames. Lens control knobs shall be settable for top or bottom operation. The magazine shall have a spring safety retention clip. One folded book form zintec steel frame shall be supplied. There shall be two borosilicate lenses mounted independently in large aluminium castings moving in the tube each controlled and moveable by means of a palm grip heat insulated knob. The front lens shall determine the

beam angle while the rear lens shall be used to focus the spot to a soft or hard edge. Control knobs shall screw tight to the lens tube to secure the selected focus. A graduated scale shall be located parallel with the lens slide slot enabling settings to be recorded. The luminaire finish shall be electrostatically applied high temperature black epoxy paint with high resistance to chipping and marking.

## Accessories

Z0013	40 30-Spare book Form Colour frame.
Z0014	25 15-Spare book Form Colour frame.
Z0015	10 -Spare book Form Colour frame.
Z0016	Drop-in Iris
Z0017	Iris/Blackout Assembly
The addition of this assembly between the shutter set and lens tube converts the luminaire into a followspot. The blackout is normally activated automatically by the thumb at the end of the iris travel. Both levers are heat insulated and mounted below the lens housing for easy cool operation.	
Z0020	25 15-Hand Operated Colour Change Unit
Z0021	10-Hand Operated Colour Change Unit.
Y0058	12 mm Spigot
Z0083	Hook Clamp
Z0085	Safety Chain
Z0122	40 30 - Coloursette remote Colour Change Unit for four colours
Z0123	25 15 - Coloursette remote Colour Change Unit for four colours.
Y7501	Gobo Holder.

**CCT theatre lighting limited**

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